

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|--|---------------------|
| - | 8 | ("5404076") or ("5086255") or ("5625259") or ("5063329")).PN. | USPAT; US-PGPUB; JPO; DERWENT | 2004/09/16 17:01 |
| - | 33 | ((313/231.31).CCLS.) and air same (fan source compressor pump blower) and (plasma microwave RF) | USPAT; US-PGPUB; JPO; DERWENT | 2002/09/25 15:54 |
| - | 4 | ("5086255") or ("5216330")).PN. | USPAT; US-PGPUB; JPO; DERWENT | 2002/09/26 11:21 |
| - | 66 | air same cool\$3 same gas same discharge same detector | USPAT; US-PGPUB; JPO; DERWENT | 2002/09/25 16:15 |
| - | 1 | (air same cool\$3 same gas same discharge same detector) and 313\$.ccls. | USPAT; US-PGPUB; JPO; DERWENT | 2002/09/25 16:14 |
| - | 16 | air with cool\$3 with gas with discharge with detector | USPAT; US-PGPUB; JPO; DERWENT | 2004/09/16 17:21 |
| - | 10 | (atomic and emission and detector).ti. | USPAT; US-PGPUB; JPO; DERWENT | 2002/09/25 16:26 |
| - | 0 | ((atomic and emission and detector).ti.) and cool | USPAT; US-PGPUB; JPO; DERWENT | 2002/09/25 16:23 |
| - | 56 | (gas and emission and detector).ti. | USPAT; US-PGPUB; JPO; DERWENT | 2002/09/25 16:27 |
| - | 0 | ((gas and discharge and detector).ti.) and 313\$.ccls. | USPAT; US-PGPUB; JPO; DERWENT | 2002/09/25 16:27 |
| - | 0 | ((gas and discharge and detector).ti.) and 315\$.ccls. | USPAT; US-PGPUB; JPO; DERWENT | 2002/09/25 16:28 |
| - | 0 | ((gas and emission and detector).ti.) and 315\$.ccls. | USPAT; US-PGPUB; JPO; DERWENT | 2002/09/25 16:28 |
| - | 0 | ((gas and emission and detector).ti.) and 313\$.ccls. | USPAT; US-PGPUB; JPO; DERWENT | 2002/09/25 16:28 |

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| - | 278 | (gas and discharge and detector).ti. | USPAT; US-PGPUB; JPO; DERWENT | 2002/09/25 16:28 |
| - | 6 | ((("5086255") or ("5216330") or ("5404076"))).PN. | USPAT; US-PGPUB; JPO; DERWENT | 2002/09/26 11:22 |
| - | 74 | 313/231.31 and plasma and air and pump | USPAT; US-PGPUB; JPO; DERWENT | 2002/09/26 16:07 |
| - | 20 | 313/231.31 and plasma and (air adj pump compressor) | USPAT; US-PGPUB; JPO; DERWENT | 2002/09/26 16:08 |
| - | 20 | 313/231.31 and plasma and ((air adj pump) or compressor) | USPAT; US-PGPUB; JPO; DERWENT | 2002/09/26 16:09 |
| - | 466 | (313/231.31).CCLS. | USPAT; US-PGPUB; JPO; DERWENT | 2003/02/24 15:50 |
| - | 42 | ((313/231.31).CCLS.) and (sapphire alumina) | USPAT; US-PGPUB; JPO; DERWENT | 2003/02/24 15:23 |
| - | 5 | (US-5625259-\$ or US-5086255-\$ or US-5063329-\$ or US-5012158-\$ or US-5216330-\$).did. | USPAT | 2003/02/24 15:23 |
| - | 1 | ((US-5625259-\$ or US-5086255-\$ or US-5063329-\$ or US-5012158-\$ or US-5216330-\$).did.) and (sapphire alumina) | USPAT; US-PGPUB; JPO; DERWENT | 2003/02/24 15:23 |
| - | 12 | ("4431901" "4857809" "5008593" "5063329" "5126635" "5235251" "5262610" "5298835" "5346578" "5389153" "5423942" "5430355").PN. | USPAT | 2003/02/24 15:28 |
| - | 5 | 5423942.URPN. | USPAT | 2003/02/24 15:31 |
| - | 956 | (315/111.21).CCLS. | USPAT; US-PGPUB; JPO; DERWENT | 2003/02/24 15:51 |
| - | 1266 | ((313/231.31).CCLS.) or ((315/111.21).CCLS.) | USPAT; US-PGPUB; JPO; DERWENT | 2004/07/02 11:14 |
| - | 170 | ((((313/231.31).CCLS.) or ((315/111.21).CCLS.)) and (sapphire alumina or (aluminum adj oxide) or al?sub.2) | USPAT; US-PGPUB; JPO; DERWENT | 2003/02/24 16:37 |

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| - | 37 | (((313/231.31).CCLS.) or ((315/111.21).CCLS.)) and (sapphire alumina or (aluminum adj oxide) or al?sub.2)) and (cool) | USPAT; US-PGPUB; JPO; DERWENT | 2003/02/24 15:53 |
| - | 106 | (((313/231.31).CCLS.) or ((315/111.21).CCLS.)) and (sapphire alumina or (aluminum adj oxide) or al?sub.2)) and (cool\$3) | USPAT; US-PGPUB; JPO; DERWENT | 2003/02/24 15:53 |
| - | 106 | (((313/231.31).CCLS.) or ((315/111.21).CCLS.)) and (sapphire alumina or (aluminum adj oxide) or al?sub.2)) and (cool\$3)) and (air gas) | USPAT; US-PGPUB; JPO; DERWENT | 2003/02/24 15:53 |
| - | 45 | (((313/231.31).CCLS.) or ((315/111.21).CCLS.)) and (sapphire alumina or (aluminum adj oxide) or al?sub.2)) and (cool\$3)) and ((air gas) near3 cool\$3) | USPAT; US-PGPUB; JPO; DERWENT | 2003/02/24 15:55 |
| - | 54 | (((313/231.31).CCLS.) or ((315/111.21).CCLS.)) and (sapphire alumina or (aluminum adj oxide) or al?sub.2)) and (cool\$3)) and ((air gas) with cool\$3) | USPAT; US-PGPUB; JPO; DERWENT | 2003/02/24 15:56 |
| - | 101 | 219/678.ccls. | USPAT; US-PGPUB; JPO; DERWENT | 2003/02/24 15:56 |
| - | 3 | 219/678.ccls. and ((air gas) with cool\$3) and (sapphire alumina or (aluminum adj oxide) or al?sub.2) | USPAT; US-PGPUB; JPO; DERWENT | 2003/02/24 15:57 |
| - | 56 | (219/678.ccls. and ((air gas) with cool\$3) and (sapphire alumina or (aluminum adj oxide) or al?sub.2)) or (((313/231.31).CCLS.) or ((315/111.21).CCLS.)) and (sapphire alumina or (aluminum adj oxide) or al?sub.2)) and (cool\$3)) and ((air gas) with cool\$3)) | USPAT; US-PGPUB; JPO; DERWENT | 2003/02/24 16:36 |
| - | 4 | ("4482246") or ("6263830").PN. | USPAT; US-PGPUB; JPO; DERWENT | 2003/02/25 10:21 |
| - | 6 | ("4482246") or ("6263830") or ("5086255").PN. | USPAT; US-PGPUB; JPO; DERWENT | 2003/02/25 10:21 |
| - | 3 | ("4482246") or ("6263830") or ("5086255").PN. | USPAT | 2003/02/25 10:21 |
| - | 19 | (US-5625259-\$ or US-5086255-\$ or US-5063329-\$ or US-5216330-\$ or US-5126635-\$ or US-5012158-\$ or US-4482246-\$ or US-5423942-\$ or US-5389153-\$ or US-5298835-\$ or US-5346578-\$ or US-5262610-\$ or US-5008593-\$ or US-5235251-\$ or US-4857809-\$ or US-4431901-\$ or US-6263830-\$ or US-5051557-\$).did. or (US-20020135282-\$).did. | USPAT; US-PGPUB | 2003/02/25 10:46 |

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| - | 4 | ((313/231.31).CCLS.) or ((315/111.21).CCLS.) and chromatograph\$2 and (sapphire alumina or (aluminum adj oxide) or al?sub.2) | USPAT; US-PGPUB; JPO; DERWENT | 2003/02/25 10:53 |
| - | 2 | ("20020135282").PN. | USPAT; US-PGPUB; JPO; DERWENT | 2003/07/23 16:37 |
| - | 1 | ("4482246").PN. | USPAT | 2004/02/02 16:26 |
| - | 1 | ("4654504").PN. | USPAT | 2004/02/03 09:19 |
| - | 6 | 4654504.URPN. | USPAT | 2004/02/02 16:27 |
| - | 76 | (219/121\$).ccls. and plasma and spectrometer | USPAT; US-PGPUB; JPO; DERWENT | 2004/02/03 09:21 |
| - | 91 | (219/121\$).ccls. and plasma and spectrom\$5 | USPAT; US-PGPUB; JPO; DERWENT | 2004/02/03 09:25 |
| - | 257 | ((356/316) or (219/121.48,121.49,678) or (313/231.31) or (315/111.21)).CCLS.) and (plasma same air same (cool\$3 fan temperature chill)) | USPAT; US-PGPUB; JPO; DERWENT | 2004/02/03 09:32 |
| - | 231 | ((356/316) or (219/121.48,121.49,678) or (313/231.31) or (315/111.21)).CCLS.) and (plasma same air same (cool\$3 fan temperature chill)) | USPAT | 2004/09/16 17:17 |
| - | 1 | ("5086225").PN. | USPAT | 2004/02/03 10:39 |
| - | 1 | ("5086255").PN. | USPAT | 2004/02/03 10:39 |
| - | 13 | ((356/316) or (219/121.48,121.49,678) or (313/231.31) or (315/111.21)).CCLS.) and (plasma same air same (cool\$3 fan temperature chill))) and sapphire | USPAT | 2004/09/16 17:15 |
| - | 11 | "6057645" | USPAT | 2004/02/03 11:02 |
| - | 4 | radial adj line adj resonator | USPAT; US-PGPUB; JPO; DERWENT | 2004/07/02 09:27 |
| - | 6 | radial near line near resonator | USPAT; US-PGPUB; JPO; DERWENT | 2004/07/02 09:27 |
| - | 540 | ((313/231.31).CCLS.) or ((315/111.21).CCLS.) and (@pd > "20040215") | USPAT; US-PGPUB; JPO; DERWENT | 2004/07/02 11:14 |
| - | 1 | ("4656504").PN. | USPAT | 2004/09/16 17:04 |

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| - | 1 | ("4654504").PN. | USPAT | 2004/09/16 17:04 |
| - | 21 | ((((356/316) or (219/121.48,121.49,678) or (313/231.31) or (315/111.21)).CCLS.) and @pd > "20040701" | USPAT | 2004/09/16 17:16 |
| - | 14 | ((((356/316) or (219/121.48,121.49,678) or (313/231.31) or (315/111.21)).CCLS.) and @pd > "20040701") and (cool\$3 heat\$3 fan temperature) | USPAT | 2004/09/16 17:17 |
| - | 0 | air with cool\$3 with gas with discharge with detector and @pd > "20040701" | USPAT; US-PGPUB; JPO; DERWENT | 2004/09/16 17:21 |
| - | 27 | (US-6057645-\$ or US-6263830-\$ or US-5051557-\$ or US-5022756-\$ or US-4965540-\$ or US-5349154-\$ or US-4933650-\$ or US-3814983-\$ or US-5086255-\$ or US-5063329-\$ or US-5216330-\$ or US-5126635-\$ or US-5012158-\$ or US-4482246-\$ or US-5625259-\$ or US-4654504-\$ or US-5235251-\$ or US-5346578-\$ or US-4857809-\$ or US-5389153-\$ or US-5008593-\$ or US-5298835-\$ or US-5262610-\$ or US-5423942-\$ or US-4431901-\$).did. or (US-20020135282-\$).did. or (GB-2067848-\$).did. | USPAT; US-PGPUB; DERWENT | 2004/09/16 17:25 |
| - | 1 | ((US-6057645-\$ or US-6263830-\$ or US-5051557-\$ or US-5022756-\$ or US-4965540-\$ or US-5349154-\$ or US-4933650-\$ or US-3814983-\$ or US-5086255-\$ or US-5063329-\$ or US-5216330-\$ or US-5126635-\$ or US-5012158-\$ or US-4482246-\$ or US-5625259-\$ or US-4654504-\$ or US-5235251-\$ or US-5346578-\$ or US-4857809-\$ or US-5389153-\$ or US-5008593-\$ or US-5298835-\$ or US-5262610-\$ or US-5423942-\$ or US-4431901-\$).did. or (US-20020135282-\$).did. or (GB-2067848-\$).did.) and (radial with resonat\$3) | USPAT; US-PGPUB; JPO; DERWENT | 2004/09/16 17:27 |
| - | 2686 | ((356/316) or (219/121.48,121.49,678) or (313/231.31) or (315/111.21)).CCLS. | USPAT; US-PGPUB; JPO; DERWENT | 2004/09/16 17:27 |
| - | 5 | ((((356/316) or (219/121.48,121.49,678) or (313/231.31) or (315/111.21)).CCLS.) and (radial with resonat\$3) | USPAT; US-PGPUB; JPO; DERWENT | 2004/09/17 09:17 |
| - | 8 | paulsen.in. same ron\$4 | USPAT; US-PGPUB; JPO; DERWENT | 2004/09/17 09:38 |
| - | 37 | (air with cool\$3) and (radial with resonat\$3) | USPAT; US-PGPUB; JPO; DERWENT | 2004/09/17 09:39 |

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| - | 3 | (air with cool\$\$3) same (radial with resonat\$3) | USPAT; US-PGPUB; JPO; DERWENT | 2004/09/17 09:40 |
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